

What is claimed is:

1. A method for an access control in a communication network including a first wireless unit, a second wireless unit and at least one further unit, the method comprising the steps of:

generating, by the first unit, a frame for the second unit, the frame including a first portion and a second portion, the first portion including data indicating that the first unit is establishing a direct communication channel with the second unit;

transmitting the first portion to the second unit, the first portion being received by the at least one further wireless unit; and

establishing the direct communication channel between the first unit and the second unit to transmit the second portion,

wherein during transmission of the second portion, the at least one further unit abstains from communications using the direct communication channel.

2. The method according to claim 1, wherein the first unit is a wireless access point having a smart antenna, the second unit and the at least one further units being wireless mobile units.

3. The method according to claim 2, wherein the access point and the mobile units communicate using an 802.11 communication protocol.

4. The method according to claim 1, wherein the first unit and the at least one further units are wireless mobile units, the second unit being a wireless access point, the first having a smart antenna.

5. The method according to claim 1, wherein the first unit transmits the first portion over a first area covering the entire communication network.
6. The method according to claim 5, wherein the first unit includes a smart antenna, the second portion being transmitted, using the smart antenna, within a second area of the first area, the second area being an area covered by the smart antenna.
7. The method according to claim 6, wherein the first portion is transmitted at a first transmission rate and the second portion is transmitted at a second transmission rate, the second transmission rate being higher than the first transmission rate.
8. The method according to claim 7, wherein the first rate is a rate at which the second unit and the at least one further unit are capable of receiving the first portion.
9. The method according to claim 1, wherein the first portion includes data indicative of a particular time period for transmitting the second portion, the at least one further unit abstains from utilizing the directional channel during the particular time period.
10. The method according to claim 1, further comprising the step of:
resuming utilization of the direct channel by the at least one further unit after transmission of the second portion.
11. A system, comprising:
a first wireless unit;
a second wireless unit; and

at least one further unit,

wherein the first unit generates a frame for the second unit, the frame including a first portion and a second portion, the first portion including data indicating that the first unit is about to establish a direct communication channel with the second unit,

wherein the first unit transmits the first portion to the second unit, the first portion being received by the at least one further unit,

wherein the first and second units establish the direct communication channel to transmit the second portion,

wherein during transmission of the second portion, the at least one further unit abstains from communications using the direct communication channel.

12. The system according to claim 11, wherein the first unit is a wireless access point having a smart antenna, the second unit and the at least one further units being wireless mobile units.

13. The system according to claim 12, wherein the access point and the mobile units communicating using an 802.11 communication protocol.

14. The system according to claim 11, wherein the first unit and the at least one further unit are wireless mobile units, the second unit being a wireless access point, the first unit having a smart antenna.

15. The system according to claim 11, wherein the first unit transmits the first portion to a first area covering the entire communication network.

16. The system according to claim 13, wherein the first unit includes a smart antenna, the second portion being transmitted, using the smart antenna, within a second area of the first area, the second area being an area covered by the smart antenna.

17. The system according to claim 14, wherein the first portion is transmitted at a first transmission rate and the second portion is transmitted at a second transmission rate, the second transmission rate being higher than the first transmission rate.

18. The system according to claim 15, wherein the first rate is a rate at which the second unit and the at least one further unit are capable of receiving the first portion.

19. The system according to claim 11, wherein the first portion includes data indicative of a particular time period for transmitting the second portion, the at least one further unit abstains from utilization of the directional channel during the particular time period.

20. The system according to claim 11, wherein the at least one further unit resumes utilization of the direct channel by after transmission of the second portion.